



IFW16

RAW SEQUENCE LISTING

DATE: 09/09/2004

PATENT APPLICATION: US/09/703,350B

TIME: 10:53:01

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09092004\I703350B.raw

3 <110> APPLICANT: GERRITSEN, MARY
 4 MCHREBAN, FAUD
 5 RASTELLI, LUCA
 7 <120> TITLE OF INVENTION: DIFFERENTIALLY EXPRESSED GENES INVOLVED IN
 8 ANGIOGENESIS, THE POLYPEPTIDES ENCODED THEREBY, AND METHODS
 9 OF USING THE SAME
 11 <130> FILE REFERENCE: 11669.213USU1
 13 <140> CURRENT APPLICATION NUMBER: 09/703,350B
 14 <141> CURRENT FILING DATE: 2000-10-31
 16 <150> PRIOR APPLICATION NUMBER: 60/196,802
 17 <151> PRIOR FILING DATE: 2000-04-13
 19 <160> NUMBER OF SEQ ID NOS: 76
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1434
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Sclerotinia sclerotiorum
 28 <220> FEATURE:
 29 <221> NAME/KEY: modified_base
 30 <222> LOCATION: (473)
 31 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 33 <220> FEATURE:
 34 <221> NAME/KEY: modified_base
 35 <222> LOCATION: (599)
 36 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 38 <220> FEATURE:
 39 <221> NAME/KEY: modified_base
 40 <222> LOCATION: (1426)
 41 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 43 <400> SEQUENCE: 1
 44 ggccgcggttt tcttggggaa gcgccggggcg ggggtggagca gccagctggg tccgggggagc 60
 45 gccgcgcgcgc cctcgatggg gtgttgaaaa gtctcctcta gagctttgga aggctgaatg 120
 46 cactaaacat gaagagcttg aaagcgaagt tcaggaagag tgacaccaat gagtggaaca 180
 47 agaatgatga ccggctactg caggccgttg agaattggaga tgcggagaag gtggcctcac 240
 48 tgctcggcaa gaaggggacc agtgccacca aacacgacag tgagggcaag accgctttcc 300
 49 atcttgctgc tgcaaaagga cactgtgaat gcctcagggt catgattaca catggtgttg 360
 50 atgtgacagc ccaagatact accggacaca gcgccttaca tctcgcagcc aagaacagcc 420
 W--> 51 accatgaatg catcaggaag ctgcttcagt ctaaatgccc agccgaaagt gtngacagct 480
 52 ctgggaaaaac agctttacat tatgcagcgg ctcagggtcg cttcaagct gtgcagattc 540
 W--> 53 tctgcgaaca caagagcccc ataaacctca aagatttga tgggaatata ccgctgctnc 600
 54 ttgctgtaca aaatggctac agtgagatct gtcactttct cctggatcat ggagcagatg 660
 55 tcaattccag gaacaaaagt ggaagaactg ctctcatgct ggccgtgtgag attggcagct 720
 56 ctaacgctgt ggaagcctta attaaaaagg gtgcagacct aaaccttgta gattctcttg 780



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57 gatacaaatgc cttacattat tccaaactct cagaaaatgc aggaattcaa agcctttctat 840
58 tatcaaaaaat ctctcaggat gctgatttaa agaccccaac aaaaccaaag cagcatgacc 900
59 aagtctcttaa aataagctca gaaagaagtg gaactccaaa aaaacgcaaa gctccaccac 960
60 ctctatcag tcttaccag ttgagtgatg tctcttcccc aagatcaata acttcgactc 1020
61 cactatcggg aaaggaatcg gtattttttg ctgaaccacc cttcaaggct gagatcagtt 1080
62 ctatacgaga aaacaaagac agactaagtg acagtactac aggtgctgat agcttatttg 1140
63 atataagttc tgaagctgac caacaagatc ttctctctct attgcaagca aaagttgctt 1200
64 cccttacctt acacaataag gagttacaag ataaattaca ggccaaatca cccaaggagg 1260
65 cggaagcaga cctaagcttt gactcatacc attccacca aactgacttg ggccccatccc 1320
66 tggggaaaac ctggtgaaac ctctccccc gactccaaat catctccatc tgtcttaata 1380
W--> 67 cattcttttag gtaaattccac tactggcaat gatgtcagaa ttcagncaac tggc 1434
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 1458
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: modified_base
77 <222> LOCATION: (72)
78 <223> OTHER INFORMATION: a, t, c, g, other or unknown
80 <400> SEQUENCE: 2
81 tctagatcct attggcaaaag ccacacttgt gaaatctacc ccggtcaatg taccatcag 60
W--> 82 tcagaaattt antgatctgt ttgagaagat ggttcccgtg tcagtacagc agtctttggc 120
83 tgctataat cagaggaaaag ccgatttggt taacagatca attgctcaga tgagagaagc 180
84 caccactttg gcaaatgggg tgctagcttc ccttaatctt ccagcagcaa ttgaagatgt 240
85 gtctggagac actgtacctc agtctatatt gactaaatcc agatctgtga ttgaacaggg 300
86 aggcattccag actgttgatc agttgattaa agaactgcct gaattactgc aacgaaatag 360
87 agaaatccta gatgagtcac taagggttgtt ggatgaagaa gaagcaaccg ataagtattt 420
88 aagagcaaaa ttaaggaac gttggcaaag gacaccatcc aatgaactgt ataagccttt 480
89 aagagcagag ggaaccaact tcagaacagt ttagataaaa gctgtgcagg cagatggaca 540
90 agtgaaagaa tgttaccagt ctcatcgtga caccatcgtg cttttgtgta agccagagcc 600
91 tgagctgaat gctgccatcc cttctgctaa tccagcaaag accatgcagg gcagtgagg 660
92 tgtaaatgtc ttaaaatcct tattgtcaaa tcttgatgaa gtaaagaagg aaagagagg 720
93 tctggagaat gacttgaaat ctgtgaattt tgacatgaca agcaagttt tgacagccct 780
94 ggctcaagat ggtgtgataa atgaagaagc tctttctgtt actgaactag atcagagtca 840
95 tggagggtctt acaactaaag tccaagaatc tctaaagaaa caggaggggac ttcttaaaaa 900
96 tattcagggtc tcacatcagg aattttcgaa aatgaaacaa tctaataatg aagctaactt 960
97 aagagaagaa gttttgaaga attttagctac tgcatatgac aactttgttg aacttgtagc 1020
98 taatttgaag gaaggcacia agttttacaa tgagttgact gaaatcctgg tcaggttcca 1080
99 gaacaaatgc agtgatatag tttttgcacg gaagacagaa agagatgaac tcttaaagga 1140
100 cttgcaacaa agcattgcc a gagaacctag tgctccttca attcctacac ctgcgtatca 1200
101 gtcctcacca gcaggaggac atgcaccaac tctcccaact ccagcgccaa gaaccatgcc 1260
102 gctactaag cccagcccc cagccaggcc tccaccacct gtgcttccag caaatcgagc 1320
103 tctttctgct actgctccat ctccagtggg ggctgggact gctgcgccag ttccatcaac 1380
104 aaacgcctgg ctgagtcct cctccacagg cgcagggacc accctatccc acctatccag 1440
105 gatatactgg gtattgcc 1458
108 <210> SEQ ID NO: 3
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence

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113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
116 <400> SEQUENCE: 3
117 gacgttctct cagcacgttc g 21
120 <210> SEQ ID NO: 4
121 <211> LENGTH: 21
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
128 <400> SEQUENCE: 4
129 cacctttccg gcttcattc c 21
132 <210> SEQ ID NO: 5
133 <211> LENGTH: 19
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
140 <400> SEQUENCE: 5
141 cgaatgccgg cctctgcgg 19
144 <210> SEQ ID NO: 6
145 <211> LENGTH: 17
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
152 <400> SEQUENCE: 6
153 cgagtggcgg ctcaaaa 17
156 <210> SEQ ID NO: 7
157 <211> LENGTH: 18
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
164 <400> SEQUENCE: 7
165 ccgcagccga cctgtaga 18
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 26
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
176 <400> SEQUENCE: 8
177 tcagctgaag tggttcgttg cctcaa 26
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 21
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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186 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
188 <400> SEQUENCE: 9
189 ccttagctga ctccccaggt t 21
192 <210> SEQ ID NO: 10
193 <211> LENGTH: 19
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
200 <400> SEQUENCE: 10
201 ctgcagcttc cctcgatt 19
204 <210> SEQ ID NO: 11
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
212 <400> SEQUENCE: 11
213 cctgaacgag cgctgggcc 20
216 <210> SEQ ID NO: 12
217 <211> LENGTH: 22
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
224 <400> SEQUENCE: 12
225 gcatgaagga attgaccat cc 22
228 <210> SEQ ID NO: 13
229 <211> LENGTH: 21
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
236 <400> SEQUENCE: 13
237 tctctcggtc agaaccctgg a 21
240 <210> SEQ ID NO: 14
241 <211> LENGTH: 26
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
248 <400> SEQUENCE: 14
249 cagacaccga tgagcctcat gacgtt 26
252 <210> SEQ ID NO: 15
253 <211> LENGTH: 22
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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260 <400> SEQUENCE: 15
261 gcctgttcac caagattgac ac 22
264 <210> SEQ ID NO: 16
265 <211> LENGTH: 18
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
272 <400> SEQUENCE: 16
273 gcctcgaagt cgctgctg 18
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 21
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
284 <400> SEQUENCE: 17
285 ttgcgcccga tgagatcacc g 21
288 <210> SEQ ID NO: 18
289 <211> LENGTH: 21
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
296 <400> SEQUENCE: 18
297 ccaactctgc accgttctag g 21
300 <210> SEQ ID NO: 19
301 <211> LENGTH: 22
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
308 <400> SEQUENCE: 19
309 ggtatgcatg gcatacgtaa gc 22
312 <210> SEQ ID NO: 20
313 <211> LENGTH: 19
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
320 <400> SEQUENCE: 20
321 ccgatggctg cctccggct 19
324 <210> SEQ ID NO: 21
325 <211> LENGTH: 21
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
332 <400> SEQUENCE: 21

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/703,350B

DATE: 09/09/2004
TIME: 10:53:02

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\09092004\I703350B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 473, 599, 1426
Seq#:2; N Pos. 72

VERIFICATION SUMMARY

PATENT APPLICATION: **US/09/703,350B**

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Input Set : **A:\Sequence Listing.txt**

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L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:420
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:540
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60